

**OLIGONUCLEOTIDES AND OTHER MODULATORS OF THE
NK-1 RECEPTOR PATHWAY AND THERAPEUTIC USES THEREOF**

ABSTRACT

5 Methods for administering oligonucleotides, nucleotide analogs, and non-nucleotide
disruptor compounds to modulate the NK-1 receptor biosynthetic pathway in humans and
other mammals are provided. Oligonucleotides, and especially antisense oligonucleotides
complementary to nucleic acids in the pathway that produces the NK-1 receptor, and those
complementary to nucleic acids in pathways that regulate NK-1 receptor production and
10 function, are useful, *inter alia*, to reduce pain, inflammation, and the undesirable effects of
many diseases and conditions that involve NK-1 receptors. Non-nucleotide disruptor
compounds and nucleotide analog compounds that act to modulate the NK-1 receptor
biosynthetic pathway to thereby regulate NK-1 receptor production and function, are
similarly useful. The invention relates also to pharmaceutical preparations for humans and
15 other mammals containing one or more oligonucleotides, nucleotide analogs, or non-
nucleotide disruptor compounds.

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